

XP-002267780

AN - 1996-191808 [20]

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CPY - NIPA

DC - B04 D16 S03

FS - CPI;EPI

IC - G01N33/543

MC - B04-B04B1 B04-B04D5 B11-C08 B12-K04A D05-H09  
- S03-E14H4

M1 - [01] M423 M750 M903 N102 Q233 V600 V611 V624 V752

M6 - [02] M903 Q233 R515 R521 R613 R627 R630 R637 R639

PA - (NIPA ) NIPPON PAINT CO LTD

PN - JP8062214 A 19960308 DW199620 G01N33/543 006pp

PR - JP19940195316 19940819

XA - C1996-061056

XIC - G01N-033/543

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AB - J08062214 Determn. of in vitro substances comprises (1) mixing a body fluid with (a) magnetic particles supporting a substance(s) binding to interfering substances in fluid by immunological reaction, (b) magnetic particles supporting substance(s) binding to target substance(s) in fluid by immunological reaction and (c) non-magnetic, coloured particles supporting substance(s) binding to target substance(s) in fluid by immunological reaction; (ii) applying magnetic field to resultant mixt.; (iii) removing complexes consisting of magnetic particles and substances bound by immunological reaction and unreacted magnetic particles by magnetic collection; and (iv) measuring amt. of uncollected coloured particles by measuring absorbance at wavelength equal to or longer than 350 nm to determine target substance(s) qualitatively or quantitatively without interference by interfering substances in fluid.

- ADVANTAGE - Method is highly sensitive and reliable, and eliminating interference.(Dwg.1a-c/2)

IW - ACCURACY RELIABILITY DETERMINE VITRO SUBSTANCE PRETREATMENT MIX SAMPLE  
NON MAGNETIC PARTICLE REMOVE FORMING COMPLEX MEASURE AMOUNT COLOUR  
MAGNETIC PARTICLE

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NON MAGNETIC PARTICLE REMOVE FORMING COMPLEX MEASURE AMOUNT COLOUR  
MAGNETIC PARTICLE

NC - 001

OPD - 1994-08-19

ORD - 1996-03-08

PAW - (NIPA ) NIPPON PAINT CO LTD

TI - Accurate and reliable determn. of in vitro substances without pretreatment - by mixing sample with (non-)magnetic particles, removing formed complexes and measuring amt. of uncollected, coloured magnetic particles